

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10165645
PUBLICATION DATE : 23-06-98

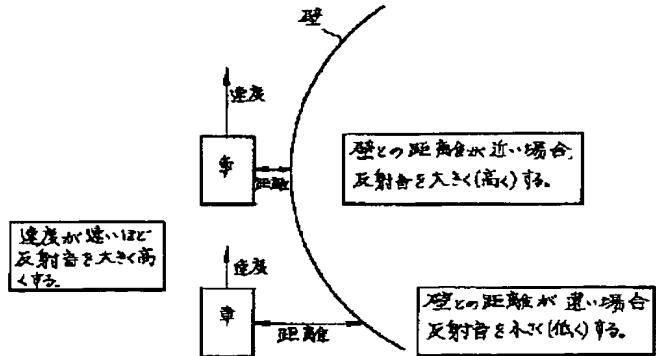
APPLICATION DATE : 07-10-97
APPLICATION NUMBER : 09290463

APPLICANT : NAMCO LTD;

INVENTOR : FURUBAYASHI MASATOSHI;

INT.CL. : A63F 9/22

TITLE : THREE DIMENSIONAL GAME DEVICE
AND IMAGE RECORDING MEDIUM



ABSTRACT : PROBLEM TO BE SOLVED: To provide a three-dimensional game device and a data recording medium with which a player visually feel the presence of a solid member in an object space.

SOLUTION: Virtual echo sound from a wall located in a virtual object space is changed in accordance with a distance between the wall and a vehicle running in the virtual object space, and a speed of the running body. The shorter the distance between the vehicle and the wall, or the higher the speed of the vehicle, the higher the echo sound. The orientation of the echo sound is changed in accordance with a running direction of the vehicle and the positional relationship between the vehicle and the wall. The vehicle runs on a course in the object space, and walls are laid on the right and left sides of the course. The echo sound is changed in dependence upon data of course directions, and data of vehicle positions and directions. Visually realistic feeling can be enhanced during running along an S-like curve or the like.

COPYRIGHT: (C)1998,JPO